

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

Claims 1 to 12. (Canceled).

13. (Currently Amended) A fuel injector comprising:
a valve seat;
a valve-closure member, which cooperates with a sealing seat of the valve seat;
a flow exit region for fuel situated downstream from the sealing seat; and
projections, which influence fuel flow, situated in the flow exit region;
wherein the projections are formed on the fuel injector and are discontinuous in a direction ~~transverse~~ approximately perpendicular to a flow direction of the fuel.

14. (Previously Presented) The fuel injector according to claim 13, wherein the flow exit region is formed by a first wall and a second wall lying opposite the first wall, an exit gap being situated between the first wall and the second wall.

15. (Previously Presented) The fuel injector according to claim 14, wherein the projections are situated on at least one of the first wall and the second wall of the flow exit region.

16. (Previously Presented) The fuel injector according to claim 14, wherein, relative to the first wall having a first flow edge, the second wall having a second flow edge ends after the first wall having the first flow edge in the flow direction.

17. (Previously Presented) The fuel injector according to claim 13, wherein the projections have a height, measured perpendicular to a surface of the flow exit region, that is smaller than 100 micrometers and greater than roughness peaks of the surface.

18. (Previously Presented) The fuel injector according to claim 14, wherein the projections are situated in the exit gap.

19. (Previously Presented) The fuel injector according to claim 16, wherein the projections are situated downstream from the first flow edge.

20. (Previously Presented) The fuel injector according to claim 13, wherein the projections have one of a cylindrical, tetrahedral, pyramidal, conical, prism-like, rectangular, semispherical and nub-type shape.

21. (Previously Presented) The fuel injector according to claim 13, wherein a height of the projections one of (a) increases and (b) decreases downstream in one of (c) a continuous manner and (d) a stepwise manner.

22. (Previously Presented) The fuel injector according to claim 13, wherein the projections are situated in at least one row set up transversely to the flow.

23. (Previously Presented) The fuel injector according to claim 22, wherein the projections are situated at a mutual offset from row to row.

24. (Previously Presented) The fuel injector according to claim 13, wherein the projections are made by one of roughening, micro-embossing, laser removal, etching, micro-electroplating and deposition of a coating.